

Title (en)

Mobile telephony apparatus with multiple communication modes

Title (de)

Mobilfunk Gerät mit mehreren Kommunikationsarten

Title (fr)

Appareils de téléphonie mobile à modes de communication multiples

Publication

EP 2680554 A1 20140101 (EN)

Application

EP 13173354 A 20130624

Priority

IT RE20120045 A 20120626

Abstract (en)

Telephony apparatus comprising a mobile phone (100) with an alternative operating mode with low emission of electromagnetic waves, which uses underconverted radio transceiving to automatically operate at a lower frequency and/or power when in a household environment. Said apparatus further comprises a respective radio base (200) which, when said phone (100) is in low-emission mode, acts as a GSM-GPRS radio transceiving bridge between said phone and an external mobile telephony radio base station (400).

IPC 8 full level

H04M 1/725 (2006.01); **H04M 1/72502** (2021.01)

CPC (source: EP US)

H04M 1/72502 (2013.01 - EP US); **H04W 88/06** (2013.01 - US); **Y02D 30/70** (2020.08 - EP US)

Citation (applicant)

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Citation (search report)

- [A] US 2007153768 A1 20070705 - JAGADESAN BALAKUMAR [US], et al
- [A] US 6453171 B1 20020917 - AUVRAY GERARD [FR]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2680554 A1 20140101; IT RE20120045 A1 20131227; US 2013344860 A1 20131226

DOCDB simple family (application)

EP 13173354 A 20130624; IT RE20120045 A 20120626; US 201313926961 A 20130625